Recombinant Rat Ppp1r3a Protein, His-tagged

Cat. No. Ppp1r3a-1968R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ppp1r3a Protein (Met1-Cys293) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Cys293
Description	Predicted to enable glycogen binding activity and protein phosphatase 1 binding activity. Predicted to be involved in regulation of glycogen biosynthetic process. Predicted to be integral component of membrane. Predicted to be part of protein phosphatase type 1 complex. Human ortholog(s) of this gene implicated in hypoglycemia and type 2 diabetes mellitus. Orthologous to human PPP1R3A (protein phosphatase 1 regulatory subunit 3A).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.6 kDa Accurate Molecular Mass: 35 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Ppp1r3a protein phosphatase 1, regulatory subunit 3A [Rattus norvegicus (Norway rat)]
Official Symbol	Ppp1r3a
Synonyms	Ppp1r3a; protein phosphatase 1, regulatory subunit 3A; RGD1561312; protein phosphatase 1 regulatory subunit 3A; protein phosphatase 1, regulatory (inhibitor) subunit 3A; EC 3.1.3.16
Gene ID	500036
mRNA Refseq	NM_001109222
Protein Refseq	NP_001102692
UniProt ID	D3ZM60

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